

PCTM PTO-1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 11-2000)		ATTORNEY'S DOCKET NUMBER ER9799P
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <b>10/502,077</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP03/00517</b>	INTERNATIONAL FILING DATE <b>17 January 2003</b>	PRIORITY DATE CLAIMED <b>19 January 2002</b>

TITLE OF INVENTION  
**TISSUE IMAGING AT SUPERHARMONIC FREQUENCIES**

## APPLICANT(S) FOR DO/EO/US

**BOUAKAZ, Ayache**  
**DE JONG, Nico**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A change of power of attorney and/or address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22.  Express Mail Label No. EL977606581US
23.  Other items or information:

**Written Opinion**

**Application Data Sheet**

**Return post card**

U.S. APPLICATION NO. (IF KNOWN SEE 37 CFR  
107502077INTERNATIONAL APPLICATION NO.  
PCT/EP03/00517ATTORNEY'S DOCKET NUMBER  
ER9799P

24. The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) :**

- |  |           |
|--|-----------|
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... | \$1080.00 |
| <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....  | \$920.00  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  | \$770.00  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....   | \$730.00  |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....   | \$100.00  |

**CALCULATIONS PTO USE ONLY****ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$920.00

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).

 20     30

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	20 - 20 =	0	x \$18.00	\$0.00
Independent claims	3 - 3 =	0	x \$86.00	\$0.00
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$920.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$0.00
<b>SUBTOTAL =</b>				<b>\$920.00</b>
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).				<input type="checkbox"/> 20 <input type="checkbox"/> 30 + \$0.00
<b>TOTAL NATIONAL FEE =</b>				<b>\$920.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).				<input type="checkbox"/> \$0.00
<b>TOTAL FEES ENCLOSED =</b>				<b>\$920.00</b>
				<b>Amount to be: refunded</b> \$
				<b>charged</b> \$

- a.  A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 50-1600 in the amount of \$920.00 to cover the above fees.
- c.  The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1600
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

MULLINS, Kenton R.  
 Stout, Uxa, Buyan & Mullins, LLP.  
 4 Venture, Suite 300  
 Irvine, CA 92618  
 US  
 phone: (949) 450-1750  
 fax: (949) 450-1764

  
SIGNATURE

Kenton R. Mullins

NAME

36,331

REGISTRATION NUMBER

19 July 2004

DATE

! DT03 Rec'd PCT/PTO 19 JUL 2004  
10/502,077  
Docket: ER9799P

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application: /  
Bouakaz and De Jong / Mail Stop New Patent Application  
/ /  
Filed: Herewith / /  
For: TISSUE IMAGING AT SUPERHARMONIC /  
FREQUENCIES / /  
/ /

EXPRESS MAIL MAILING LABEL NO. EL977606581US

Date of Deposit: July 19, 2004

I hereby certify that the following documents as identified below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, Mail Stop New Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450:

1. Transmittal letter;
2. Preliminary Amendment;
3. Application Data Sheet;
4. International Search Report;
5. Written Opinion;
6. International Preliminary Examination Report; and
7. Return Receipt postcard.

Each of the 7 above-identified documents are enclosed herewith.

Respectfully submitted,



Kenton R. Mullins  
Attorney for Applicants  
Registration No. 36,331  
4 Venture, Suite 300  
Irvine, CA 92618

Telephone 949/ 450-1750  
Facsimile 949/ 450-1764